

```

501      (GAI) PPVFRLTGIG PPAPDNFDYL HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDA.....S MLELRPSEIE SVAVNSVFEL HKLLGRPGAI DKVLGVVNOI 600
      (RGA) PPVFRLTGIG PPAPDNFDYL HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDA.....S MLELRPSEIE SVAVNSVFEL HKLLGRPGAI DKVLGVVNOI
      {BZH-wild type} PPSFRLTGIG PPAADNSDHL HEVGCKLAQL AEAIHVEFEY RG.FYANSLA DLDA.....S MLELRPSEIE AVAVNSVFEL HKLLGRGTGI EKVFGVVKQI
      (RGAL) PPVFRLTGIG YSLTD...I QEVGWKLGQL ASTIGVNFEF KS.IALNNLS DLKP.....E MDIRPG.IE SVAVNSVFEL HRLLAHFGSI DKFLSTIKSI
      {LS} .PILRITGTG ....NDLDTL RRTGDRLAKE AHSIGLRFOF HPLYIANNNH DHDEPSIIS SIVLLPD..E TLAINCVFYL HRLKDKREKL RIFLHRVKSM
      {SCARECROW} PPHVRLTGLG ....TSMEAL QATGKRISDF TDKIGLPFEF CP..LAEKVG NLD.....TE RINVR..KRE AVAVH..WLQ HSLYDVTGSD AHTLWLLQRL

601      (GAI) KPEIFTVVEQ ESNHNSPIFL DRFTESLHY STLFDSLEG. .VPSQQDKV. MSEVYLGKQI CNVVACDGPD RVERHETLSQ WRNRFSGAGF AAHIGSNAF 700
      (RGA) KPEIFTVVEQ ESNHNSPIFL DRFTESLHY STLFDSLEG. .VPSQQDKV. MSEVYLGKQI CNVVACDGPD RVERHETLSQ WRNRFSGAGF AAHIGSNAF
      {BZH-wild type} KPVIPTVVEQ ESNHNGPVFL DRFTESLHY STLFDSLEG. .APSSQDKV. MSEVYLGKQI CNLVACEGPD RVERHETLSQ WSNRFGSSGF APAHLGNSAF
      (RGAL) RPDIMTVVEQ EANHNGTVFL DRFTESLHY SSLEFDSLEG. .PPS.QDRV. MSELFGRQI INLVACEGED RVERHETLNQ WRNRFGLGGF KPVSIGSNAY
      {LS} NPKIVTIAEK EANHNPFL FL GRFVEAIHY SALFDSLGAS YGESEERHV VEQQLLSKEI RNVLA VGGPS R.SGEVKFES WREKMQQCGF KGISLAGNAA
      {SCARECROW} APKVTVVVEQ DLSHAGS.FL GRFVEAIHY SALFDSLGAS YGESEERHV VEQQLLSKEI RNVLA VGGPS R.SGEVKFES WREKMQQCGF KGISLAGNAA

701      (GAI) KOASMLLALF NGGEGYRVEE SDGCLMLGWH TRPLIATSAW KLSTN~ 746
      (RGA) KOASMLLALF NGGEGYRVEE SDGCLMLGWH TRPLIATSAW KLSTN~
      {BZH-wild type} KOASTLLALF NGGEGYRVEE NNGCLMLSWH TRPLITTSW KLSAVH
      (RGAL) KOASMLLALF AGADGYNVEE NEGCLLIGWQ TRPLIATSAW RINRVE
      {LS} SOAKLLLR LH YPSEG YQLGV SSNSFFLGWQ NQPLFSISSW R~~~~~
      {SCARECROW} TQATLLLGMF .PSDGYTLVD DNGTLKLGWK DLSLLTASAW TPRS~~

```

Figure 1 (cont.)